



Product Service

CERTIFICATE

No. B 120387 0006 Rev. 00

Holder of Certificate: **Dyness Digital Energy
Technology Co., Ltd.**
Building 5, 688 Liupu Road
Wuzhong District
215100 Suzhou City, Jiangsu Province
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product: **Converter
Rechargeable Li-ion Battery**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the Testing, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 704092418801-00

Valid until: 2029-03-10

Date, 2024-03-11

(Zhengdong Ma)

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Model(s): Junior Box 1600- Silver, Junior Box 1600- White.

Parameters:

Model Name	Junior Box 1600- Silver	Junior Box 1600- White
Battery data		
Battery System Energy	1.6 kWh	
Battery Rated Capacity	100 Ah	
Battery Nominal Voltage	16 V	
PV input data		
Max PV Input Voltage	DC 60 V	
MPPT Range	DC 18, ..., 60 V	
Max PV Input Current	DC 30 A	
Max PV Isc	DC 32 A	
DC output data		
Output Voltage Range	DC 18, ..., 60 V	
Maximum Output Current	DC 30 A	
General data		
IP Protection Level	IP65	
Protection Level	II	

Tested according to: IEC 62109-1:2010
EN 62109-1:2010